

From: Priscilla Burton
To: Miller, Vickie
Date: 4/1/04 6:12PM
Subject: Soldier Canyon Chapter 5

Hi Vickie,

I have been looking over the calculations in Chapter 5 and have the following comment.

At the beginning of the last paragraph on page 5-56 of the red-line strikeout revision, it is stated, "The net material available after the disturbed surface has been graded to match the reclamation contours and the culvert volume is subtracted is 292,712 cubic feet."

This figure of 292,712 CF is used to represent the volume of excess fill in the new table constructed at the bottom of page 5-57 (redline/strikeout version). Further down in the table (page 5-58), the volume of the culvert (213,427 CF) is again subtracted from the total volume of excess fill.

Since this volume was already subtracted from the excess fill at the start of the table, the actual volume of excess fill plus topsoil that should be shown as available for reclamation of central facilities area should be 26,545 CY.

This 26,545 CY of material would cover the entire site (14.3 acres) with approximately sixteen inches of soil.

I have three other major comments on the revision of chapter 5.

1. The existing reclamation plan calls for a replacement topsoil depth of one foot over the post-SMCRA area (pg 5-68 of the MRP) and this should remain the concept since there is an excess of material.
2. The existing reclamation plan calls for placing the material known to have high SAR values (25 units) at the base of the high wall and covering with a minimum of 4 feet of soil (Section 5.28) This commitment to identify and bury the high SAR material must remain in the plan.
3. The existing operation plan calls for sampling of temporarily stored waste material after three months storage at the temporary site. This commitment provides information on frequency of sampling which is important and should remain in the plan. The duration of temporary storage must also be indicated, even though there has not been any storage to date at this location other than portal road grading material.

I will be out of the office tomorrow. Back in on Monday to discuss these items with you. Thanks.
Priscilla.

CC: Western, Wayne